



**International Center for Free and Open Source Software**

Swatantra,  
South Pavilion, Sports Hub, Karyavattom,  
Trivandrum - 695 581  
Kerala, India.  
Phone No: +91 471 2700013  
Email: info@icfoss.in

**NOTICE INVITING TENDER**

For the supply of Electronic items

Tender No: **ICFOSS/44/2018-JSA2 (IT)-2(1)** dated 01-06-2021

<b>Name of the material</b>	<b>DRONE Accessories</b>
<b>Warranty Period</b>	<b>12 Months</b>
<b>Delivery time</b>	<b>Within 4 weeks</b>
<b>Availability of Tender documents</b>	<b>Can be downloaded from the website <a href="http://icfoss.in">http://icfoss.in</a> up to 15-06-2021, 03:00 PM</b>
<b>Date of Publishing</b>	<b>01/06/2021</b>
<b>Last date &amp; time of submission of bids</b>	<b>15-06-2021 at 04:00PM</b>
<b>Date &amp; time of opening of bids</b>	<b>15-06-2021, 05:00PM</b>
<b>EMD (Earnest Money Deposit ) Amount</b>	<b>1 % (rounded to the nearest rupees) of the total Quoted amount or Rs.1,500/- whichever is maximum.</b>
<b>Tender Fee</b>	<b>Rs. 400/-</b>



All communications shall be addressed to the Secretary & Registrar, ICFOSS, Swatantra, South Pavilion, Sports Hub, Karyavattom, Trivandrum - 695 581 Kerala, India.

The bid documents and other details may be downloaded from the website <http://icfoss.in/tenders>. All bid documents along with EMD and Tender fee are to be submitted as **hard copy** and in the designated covers/envelops on the below address. The EMD amount and non-refundable Tender fee of Rs. 400.00/- shall be remitted only as Demand Draft separately in favour of “**ICFOSS**” and payable at Thiruvananthapuram. Bidder should ensure that Tender fees and EMD are remitted as separate transactions/DDs, such that EMD should be a separate DD and Tender Fee shall be separate DD. Combined remittance for Tender fee and EMD shall be treated as invalid transaction. Only manual submission shall be entertained. Late submissions will not be considered

**Secretary & Registrar**

Swatantra,  
South Pavilion, Sports Hub,  
Karyavattom, Trivandrum - 695 581  
Kerala, India.  
Phone No: +91 471 2700013  
Email : info@icfoss.in

A handwritten signature in blue ink, appearing to be 'S. S.', written over a faint horizontal line.

Place: Trivandrum  
Date: 01-06-2021

**Procurement Officer**  
ICFOSS

**Note:** - If the date of opening of bids happens to be a holiday; the actual date for the same will be the next working day. No separate intimation in this regard will be issued.



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**TENDER DOCUMENT**  
**ICFOSS/44/2018-JSA2 (IT)-2(1)- 01/06/2021**  
(e-Procurement)

**Item required**

<b>SL. No</b>	<b>ITEM REQIURED</b>	<b>QUANTITY</b>
1	Power & Video Module for Thermal Camera	1
2	3 Axis Drone Camera Stabilizer	1
3	Micro to Micro HDMI Cable	1
4	Micro to HDMI Converter	1
5	FPV Transceiver with Display and Headset	1
6	USB Charger	1
7	SD Card	2
8	AV-HDMI Converter	1

**Terms & Conditions**

- **Eligibility Criteria:**
  - a) Should be a Firm/Company Incorporated in India.
  - b) Bidder should have a fully functional service centre with spares stock for attending the



breakdown calls. Details of the service centre must be provided.

- **Submission of bids**

The Tender should be submitted with the following documents. The documents shall include the following:

Company registration details

Detailed specification of the item quoted

Copy of Permanent Account Number (PAN)

Copy Of GST Registration Documents

Previous work orders supplied to any Government departments if any

Signed Tender document with Tender form.

Financial bid in format given in **Annexure I** (BOQ Template)

- **Earnest Money Deposit (EMD)**

The Tender should submit an EMD amount of 1 % (rounded to the nearest rupees) of the total Quoted amount or Rs.1,500/- whichever is maximum. The EMD amount should only be remitted as Bank Drafts in favour of “**ICFOSS**” payable at Thiruvananthapuram and shall be enclosed with the bid.

**Forfeiture of EMD**

EMD of a tenderer shall be forfeited, if the tenderer withdraws or amends its tender or impairs or derogates from the tender in any respect within the period of validity of its tender. Further, if the successful tenderer fails to furnish the required performance security within the specified period, its EMD shall be forfeited.

**Refund of EMD**

EMD furnished by all unsuccessful tenderers shall be returned to them without any interest whatsoever, at the earliest after expiry of the final tender validity period but not later than 30 days after conclusion of the contract. EMD of the successful tenderer shall be returned, without any interest whatsoever, after receipt of performance security from it as called for in the contract.

- **Tender Fee**

The Tender should submit a non-refundable Tender Fee of Rs.400/- . The Tender Fee should only be remitted as Bank Drafts in name of “**ICFOSS**” payable at Thiruvananthapuram and shall be enclosed with the bid.

- Item offered must be standard, proven product and already available in the market.



- Items offered must follow the required technical specifications available in **ANNEXURE II**
- Tender Documents shall be available only on the Internet and shall not be available for sales elsewhere.
- Replacement/Warranty terms of the product offered should be not less than 12 months.
- No price rise except Govt. levies will be allowed once order has been placed during the validity of the claim.
- Materials must be properly packed against any damage and insured except where hand delivery is proposed.
- Delivery / installation (If applicable) at the store should strictly be completed within the stipulated period of delivery
- Supplier will have to pay penalty on non-delivery after expiry of delivery date @ 1% of quoted price per week subject to maximum of 10%.
- Stores should be supplied to the “The Director, ICFOSS, Swatantra, South Pavilion, Sports Hub, Karyavattom, Trivandrum - 695 581 Kerala, India”.
- Technical literature/ hand book /data sheets must be sent along with the materials as and when supplied.
- Equipment / stores must be provided with the stipulated guarantee against manufacturing and functional defects and the date of warranty shall commence from the date of acceptance/ taking over in good condition.



- Equipment / stores supplied will be subjected to performance tests and in case the articles do not function / reach the expected standard, the suppliers are liable to replace the items free of cost at site. Cost of returning faulty goods will be to supplier's account.
- Prompt and efficient after sales service must be rendered free within the guarantee period.
- If any equipment or part thereof is lost or rendered defective during transit, the supplier shall immediately arrange for the supply of the equipment or part thereof as the case may be.
- Purchaser reserves the right to cancel the order without any liability in case the materials are not supplied within the stipulated period or non - fulfillment of contractual obligations.
- **Payment:** The payment shall be made against completion of the entire supplies. The complete payment shall only be made against successful checking of the items supplied. In case of any defects the L1 bidder shall replace the item prior to the payment.
- **Warranty/ Support:** The items dispatched by the schedule of requirement shall carry minimum one year of replacement warranty from the date of acceptance of the items by ICFOSS. Warranty shall include free maintenance of the whole assembly supplied including free replacement of parts. The defects, if any, shall be attended to on immediate basis but in no case any defect should remain unattended for more than 48 hours. The defects, if any, during the guarantee/ warranty period are to be rectified free of charge by arranging the replacement wherever necessary. This includes cost, insurance, freight, custom duty, octroi, local taxes if any, should be borne by the bidder. A clear confirmation should be given for this item. The warranty certificate should be furnished along the bills.
- **Quoted rate:** The quoted rates shall be **inclusive** of all taxes and also the bidder shall include charges like duties, freight, handling, loading, unloading, insurance premium along with the quoted rate.

**Note:** ICFOSS holds the DSIR certificate which makes ICFOSS eligible for tax exemptions, Seller is responsible for cross checking the category codes and HSN numbers and apply appropriate exemptions

The Taxes may include (excise duty, sales tax, service tax, entry tax etc), duties, levies, freight, handling, loading, unloading, insurance premiums etc complete and shall remain



firm throughout the contract period. No compensation will be paid in case of any upward revision in the statutory taxes and levies or introduction of new taxes and levies.

- **Special Conditions:** The supplier is requested to submit all the items mentioned during the technical evaluation of the bid. There should not be any change in the make/specs in the final supplied items from the items submitted during the evaluation unless the technical evaluation committee recommends for the same.

**I / We hereby declare that I/We have read and understood the above instructions for the guidance of tenders.**

**Place :**

**Date :**

**Name, Signature and seal of Tenderer**

Please submit the hardcopy of this document duly signed by the authorized signatory to the following address:

**Secretary & Registrar  
ICFOSS  
Swatantra,  
South Pavilion, Sports Hub,  
Karyavattom,  
Trivandrum - 695 581  
Kerala, India.**



## **TENDER FORM**

To,  
Secretary & Registrar  
Swatantra,  
South Pavilion, Sports Hub,  
Karyavattom,  
Trivandrum - 695 581  
Kerala, India.

Dear Sir,

Sub: Bid form

Ref: ICFOSS/44/2018-JSA2 (IT)-2(1) dated 01/06/2021

1. Having examined the conditions of tender contract, the receipt of which is hereby duly acknowledged. i/we undersigned, offer to supply all hardware & software and execute all works in conformity with tender specifications referred above and also to the said terms & conditions from the sum shown in the commercial bid(s) attached herewith and made part of this bid.
2. I / We undertake, if our Bid is accepted to complete delivery & commissioning of all Items specified in the contract within 4 weeks calculated from the date of issue of your purchase order/LOI.
3. We understand that you are not bound to accept the lowest or any bid, you may receive.
4. I / We affirm that I / We have enclosed the acceptance of all terms and conditions and also all brochures detailing the technical specification of the items quoted by me/us.
5. I / We hereby confirm that all the items supplied are in proper working condition and tested successfully.
6. The tender document for the works mentioned above have been obtained by me from the URL: <http://icfoss.in/tenders>, the official website of ICFOSS and I / we hereby certify that I / we have read the entire terms and conditions of the tender document, which shall form part of the contract agreement and I / we shall abide by the conditions / clauses contained therein.
7. My /our GST & PAN Numbers are as follows.
8. GST Registration Number. ....
9. PAN Number. ....





10. Dated this .....day of..... 201.....

11. Signature of

12. In capacity of

13. Duly authorized to sign the bid for and on behalf of .....

14. Witness 1. ....

15. Signature

16. Witness 2. ....

17. Signature



**ANNEXURE I (BOQ TEMPLATE)**

Date:

<b>Tender Inviting Authority: ICFOSS</b>					
<b>Name of Work: Supply of Electronic items (DRONE Accessories)</b>					
<b>Contract No: ICFOSS/44/2018-JSA2 (IT)2(1)</b>					
<b>Bidder Name :</b>					
<b><u>PRICE SCHEDULE</u></b>					
<b><u>(This BOQ template must not be modified/replaced by the bidder and the same should be submitted after filling)</u></b>					
<b>Sl. No.</b>	<b>Item Description (as specified in Tender documents)</b>	<b>Quantity</b>	<b>Units</b>	<b>BASIC RATE Per Kit (inclusive of all Taxes)</b>	<b>TOTAL AMOUNT (inclusive of all Taxes)</b>
1	Power & Video Module for Thermal Camera	1	Nos		
2	3 Axis Drone Camera Stabilizer	1	Nos		
3	Micro to Micro HDMI Cable	1	Nos		
4	Micro to HDMI Converter	1	Nos		
5	FPV Transceiver with Display and Headset	1	Nos		
6	USB Charger	1	Nos		



7	SD Card	2	Nos		
8	AV-HDMI Converter	1	Nos		
<b>Quoted Rate in Words</b>					

**Authorized Signature**  
(With Signature and Seal)



**ANNEXURE - II**

**Technical Specifications**

**1**

<b>Item Name : Power &amp; Video Module for Thermal Camera</b>	<b>Quantity : 1 Nos</b>
a. Input Supply : 5V - 30V	
b. Reverse polarity Protection : Yes	
c. AV Output : Yes, NTSC/PAL	
d. Digital Video Output : Yes, 1280x720 or above	
e. HDMI Output : Yes	
<b>OR</b>	
FLIR Vue Pro Power and Video Module with Reverse polarity Protection and HDMI Output	

**2**

<b>Item Name : 3 Axis Drone Camera Stabilizer</b>	<b>Quantity : 1 Nos</b>
a. Support sUAS Thermal Camera : Yes	
b. Stabilization Axis : Pan, Tilt, and Roll Axis Stabilization	
c. Pan Control Angle : 360°	
d. PWM Control : Yes	
<b>OR</b>	
Feiyu Tech FLIR Vue Pro/R Gimbal 3 Axis with 360° Pan Control Angle	

3

<b>Item Name : Micro to Micro HDMI Cable</b>	<b>Quantity : 1 Nos</b>
a. Connector	: Micro HDMI(Male) - Micro HDMI(Male)
b. Length	: 50cm or below

4

<b>Item Name : Micro to HDMI Converter</b>	<b>Quantity : 1 Nos</b>
a. Connector	: Micro HDMI(Male) to HDMI Male(Male)

5

<b>Item Name : FPV Transceiver with Display and Headset</b>	<b>Quantity : 1 Nos</b>
a. Transmitter Power	: 600mW or above
b. Receiver	: Diversity Receiver with antennas
c. Display	: 5 inch or above
d. Operating Frequency	: 5.8Ghz
e. Audio Out	: Yes, 3.5mm Jack
f. Battery Backup	: Yes, Minimum 1 Hr
g. Headset	: Yes, Over-Ear, Wireless with detachable audio cable, Active Noise cancellation with min 15hr Battery backup
<b>OR</b>	
TS835 FPV 5.8G 600MW 48CH (2-6S) Wireless AV Transmitter + Feelworld FPV-718W FPVDiversity Reciever with 7" Display + Sennheiser HD 4.50 SE BT	

6

<b>Item Name : USB Charger</b>	<b>Quantity : 1 Nos</b>
a. Output : 5V 2A	
b. Connector : Micro USB	
c. Cable Length : 1.2m or above	

7

<b>Item Name : SD Card</b>	<b>Quantity : 2 Nos</b>
a. Type : Micro SD	
b. Size : 64GB	
c. Class : 10	

8

<b>Item Name : AV-HDMI Converter</b>	<b>Quantity : 1 Nos</b>
a. HDMI Output : Yes	
b. Video Output : 720P / 1080P	
c. Supply/Operating Voltage : 5V	
<b>OR</b>	
Tobo RCA to HDMI Converter 1080P Composite Video Audio Converter	

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